

From: [GAINER Tom](#)
To: [Chip_Humphrey/R10/USEPA/US@EPA](#)
Subject: RE: ARCO Source Control
Date: 10/10/2006 05:13 PM

How about you, Chip?

-----Original Message-----

From: Koch.Kristine@epamail.epa.gov
[mailto:Koch.Kristine@epamail.epa.gov]
Sent: Friday, October 06, 2006 10:37 AM
To: GAINER Tom
Cc: Humphrey.Chip@epamail.epa.gov; Blischke.Eric@epamail.epa.gov;
ANDERSON Jim M
Subject: RE: ARCO Source Control

I'm currently available any of those dates.

Kristine Koch
Remedial Project Manager
USEPA, Office of Environmental Cleanup
1200 Sixth Avenue, M/S ECL-115
Seattle, WA 98101
(206)553-6705
(206)553-0124 (fax)

GAINER Tom
<GAINER.Tom@deq.
state.or.us>

10/05/2006 02:07
PM

To
Kristine Koch/R10/USEPA/US@EPA,
Eric Blischke/R10/USEPA/US@EPA,
Chip_Humphrey/R10/USEPA/US@EPA
cc
ANDERSON Jim M
<Jim.M.Anderson@state.or.us>
Subject
RE: ARCO Source Control

Kristine, Chip, and Eric:
Please let me know your availability to attend the Arco Source Control
roll-out meeting described below on the following dates (assume 2+
hours):
-12/7
-12/11 PM
-12/12 PM

I'd appreciate a quick response so we can all schedule this event.

Thanks-
Tom

-----Original Message-----

From: ANDERSON Jim M [mailto:Jim.M.Anderson@state.or.us]
Sent: Tuesday, October 03, 2006 2:38 PM
To: koch.kristine@epa.gov; Blischke.Eric@epamail.epa.gov;
Humphrey.Chip@epamail.epa.gov
Cc: GAINER Tom; LARSEN Henning
Subject: ARCO Source Control

The purpose of this e-mail is to update you on some recent actions
at the ARCO site, seek your agreement on a general path forward, &
seek your participation in future project actions.

Background

DEQ, EPA, & ARCO met 5/4/06. In that meeting, ARCO presented an
overview of the site, operations, & previously completed source
control measures. ARCO said that the existing concrete
seawall/revetment (which was installed years ago for
geotech/stability reasons, not source control) is failing; needs
to be removed; & a new seawall needs to be constructed. ARCO
advised that a sheet pile wall needs to be installed along their
entire shoreline for slope stability. ARCO also proposed to do a
riverward sediment removal during the demolition of the
seawall/revetment, if the extent of contaminated sediment was
limited to the beach & near shore area (i.e., sediment
contamination did not extend very far into the river). ARCO
proposed to do an in-water, sediment investigation in summer '06
to determine the extent of contamination. DEQ & ARCO both
understood that EPA was, at least initially, willing to let ARCO
do the proposed work (demolition, limited sediment removal, &
construction of a new seawall) under DEQ oversight with support

from EPA..., with the understanding that sediment removal would be restricted to the near-shore area.

9/28/06 DEQ/ARCO Meeting

ARCO summarized the results of their summer '06 sediment investigation &, using a cleanup target of 340 mg/kg TPH-D, concluded that sediment contamination did not extent very far from the shore. ARCO advised us that they believed the sediment removal could be completed by removing 2/3 of the sediment from the beach & 1/3 of the sediment from the river near the shore during seasonal low water. ARCO expects to submit a Basis for Design Report to DEQ in late-11/06. ARCO expects to secure the necessary permits & contractors to do the sheet pile wall installation, revetment demolition, & sediment removal in summer '07.

Input from EPA

1) We'll schedule DEQ's ARCO PM, Tom Gainer, to attend the 10/12 meeting with Kristine, Matt, & I. Tom can give a more in-depth explanation of the site, source control, sediment investigation, & ARCO's new proposal.

2) We want to verify that EPA is still willing to allow ARCO's proposed work to proceed under DEQ oversight. We'll want to share the results of the sediment investigation & ARCO's proposal for sediment removal with you before you make your final decision.

3) Engage Kristine as EPA's lead supporting DEQ's likely oversight of ARCO's work. Kristine would coordinate with Chip & Eric so that they can integrate ARCO's source control work with the in-water RI/FS. In addition to EPA's support from the source control perspective, we request EPA input on the compatibility of this sediment removal project with the anticipated final in-water remedy. In other words, we want Chip & Eric to weigh-in on whether ARCO's yet to be proposed sediment removal action levels can reasonably be expected to achieve final clean-up levels for the RI/FS.

Action Items

1) DEQ will schedule a meeting between ARCO/DEQ/EPA for ARCO to roll-out the results of their sediment investigation & source control proposal in early-12/06.

2) EPA should respond with any initial comments to this approach & confirm your willingness to attend a 12/06 project roll-out meeting.

James M. Anderson
DEQ Northwest Region
Portland Harbor Section
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